

**Table A2. Mean absolute percentage errors (MAPEs) by lead time for selected statistics in all public elementary and secondary schools and degree-granting institutions**

Statistics	Lead time (years)									
	1	2	3	4	5	6	7	8	9	10
<b>Public elementary and secondary schools</b>										
K-12 enrollment .....	0.3	0.5	0.7	0.9	1.1	1.3	1.7	1.9	2.4	2.7
K-8 enrollment .....	0.3	0.6	0.8	1.0	1.1	1.5	2.0	2.6	3.3	3.8
9-12 enrollment .....	0.6	0.8	0.9	1.2	1.3	1.7	2.1	2.4	2.6	2.8
High school graduates .....	0.6	1.0	1.4	1.9	1.6	1.8	2.4	3.4	3.7	4.4
Elementary and secondary teachers.....	1.7	2.1	2.5	2.9	2.6	3.0	3.3	4.0	4.9	5.6
Total current expenditures <sup>1</sup> .....	1.5	2.4	2.2	2.3	3.2	3.6	4.3	4.3	3.4	3.2
Current expenditures per pupil in fall enrollment <sup>1</sup> .....	1.5	2.2	2.1	2.3	3.7	4.1	4.7	5.3	5.7	5.9
Estimated average annual teacher salaries <sup>1</sup> .....	1.2	1.6	2.2	3.6	5.3	7.2	8.3	9.7	11.4	13.1
<b>Degree-granting institutions</b>										
Total enrollment .....	1.2	0.8	1.0	1.2	2.4	3.1	1.2	—	—	—
Men .....	1.3	1.5	2.0	2.7	3.7	4.8	3.9	—	—	—
Women .....	1.7	1.8	1.4	0.8	1.4	1.8	0.9	—	—	—
4-year institutions.....	1.1	1.4	1.3	1.9	2.6	2.8	2.4	—	—	—
2-year institutions .....	2.2	1.9	1.9	2.1	2.9	3.6	0.8	—	—	—
Associate's degrees .....	2.1	2.4	3.8	5.0	5.1	6.1	6.2	5.2	—	—
Bachelor's degrees .....	1.1	2.1	2.4	3.1	4.9	5.2	5.6	2.7	—	—
Master's degrees .....	1.2	4.3	7.1	8.4	8.7	7.1	7.7	7.1	—	—
Doctor's degrees .....	2.2	3.4	2.2	2.7	2.9	2.5	2.5	2.9	—	—
First-professional degrees .....	1.5	1.6	2.0	4.4	5.4	7.6	6.8	8.0	—	—
Current-fund expenditures in public 4-year institutions <sup>1</sup> .....	0.5	1.0	1.4	2.9	3.3	4.4	3.8	3.6	2.8	2.8
Current-fund expenditures in public 2-year institutions <sup>1</sup> .....	1.5	3.0	3.0	3.1	4.0	3.3	3.0	2.9	5.3	3.2

—Not available. Not all actual values were available to calculate a MAPE for this lead time.

<sup>1</sup>In constant dollars based on the Consumer Price Index for all urban consumers, Bureau of Labor Statistics, U.S. Department of Labor.

NOTE: Mean absolute percentage error is the average value of the absolute values of errors expressed in percentage terms. MAPEs for enrollments and high school graduates were calculated using the last 20 editions of *Projections of Education Statistics*. MAPES for teachers were calculated from the past 13 editions containing teachers projections, and MAPEs for current expenditures and teacher salaries were calculated using projections from the last 13 editions containing current expenditure and teacher salary projections. MAPEs for enrollments and earned degrees were calculated using the last 6 and 7 editions, respectively. MAPEs for current-fund expenditures were calculated using the last 8 editions of *Projections of Education Statistics* that included projections of current-fund expenditures. Calculations were made using unrounded numbers. Some data have been revised from previously published numbers

SOURCES: U.S. Department of Education, National Center for Education Statistics, *Projections of Education Statistics*, various issues.

(This table was prepared July 2003.)